Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 16 Mar 2023 until 23:59 on Friday 17 Mar 2023

Forecast Issued on Thursday 16 Mar 2023 at 00:43

Confidence: High becoming Medium in details from Friday and Low from Sunday.

Headline for Thursday 16 Mar 2023: Rain and drizzle. Strong winds over the tops.

Mountain weather hazards on Thursday 16 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Drizzle	Fog	Fog
Precipitation probability					
50%	70%	70%	60%	30%	20%

Forecast for Thursday 16 Mar 2023

Weather: Outbreaks of heavy and persistent rain during the morning, turning lighter and more patchy during the afternoon but remaining cloudy with mist and drizzle.

Chance of cloud-free hill tops above 600m: 10%

Low Cloud and visibility: Extensive cloud, base around 500m, occasional or patches below 300m at times on west and southwest facing slopes. Visibility often moderate or poor and very poor at height.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Thursday 16 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/32 SW	22/31 SW	26/36 SW	25/36 SW	22/32 SW	22/32 SW	19/28 SW
300	13/30 SW	14/30 SW	15/32 SW	17/33 SW	14/29 SW	14/29 SW	13/27 SW
Valley	10/28 SW	12/29 S	12/29 S	14/29 SW	12/26 S	10/24 SW	10/24 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/0	6/1	6/1	7/2	7/2	6/2	6/1
300	8/4	8/4	8/5	9/6	9/6	8/5	8/4
Valley	9/6	9/6	10/7	11/8	10/8	9/7	9/6
Freezing Level*	2000m	2000m	2200m	1900m	1700m	1500m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigational difficulties possible at height due to extensive low cloud. Risk of severe wind chill on the tops in wet and windy conditions.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 16 Mar 2023	14.2mm	18.2mm	44.4mm

Forecast for Friday 17 Mar 2023

Weather: Cloudy overnight and early morning with some rain, drizzle and mist. The cloud then lifting and breaking by midday with some bright spells along with occasional heavy showers developing. The cloud lowering again in the evening with occasional rain or showers.

Maximum wind: South or Southwest 20mph gusting 30mph.

Chance of cloud-free hill tops above 600m: 30% overnight and early morning, rising to 80% by midday, lowering again in the evening.

Low Cloud and visibility: Occasional or extensive cloud, base 300 to 600m, lifting and breaking above the tops by midday. Visibility moderate to very poor at first in rain, drizzle and mist becoming mainly good or very good, except in heavy showers.

Temperature: **Valleys:** Plus 6 rising to 14 Celsius
At 600m: Plus 4 to 8 Celsius
Freezing level: Above the summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.